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II.	FORMATIO	N DIS	SCLOSURE	Filling Date	November 25, 2003	
S	TATEMENT	BY A	APPLICANT	First Named Inventor	Ehud Cohen	
_				Art Unit	N/A	
	(Use as many sheets as necessary)			Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	06727/100J782-US5	

	U.S. PATENT DOCUMENTS							
Examiner		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where			
Initials*	Cite No.1	Number-Kind Code <sup>2</sup> ( if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear			
MB	AA**	US-2004/0158119-A1	08/2004	Osorio et al.	i			
T	AB**	US-2004/0152958-A1	08/2004	Frei et al.				
	AC**	US-2004/0138721-A1	07/2004	Osorio et al.				
	AD**	US-2003/0195574-A1	10/2003	Osorio et al.				
	AE**	US-6,671,556-B1	12/2003	Osorio et al.				
$\neg  au$	AF**	US-6,587,727-B1	07/2003	Osorio et al.				
mB	AG**	US-2002/0107553-A1	08/2002	Hill et al.				

<sup>\*\*</sup> Pursuant to the Notice issued by the United States Patent and Trademark Office dated July 11, 2003 walving the requirements of 37 C.F.R. § 1.98(a)(2)(i), a copy/copies of the United States Patent on PTO/SB08 Is/are not being submitted.

	FOREIGN PATENT DOCUMENTS						
Superings	C:20	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,		
Examiner Initials*	Cite No. <sup>1</sup>	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) MM-DD-YYYY		Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear		

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	NON PATENT LITERATURE DOCUMENTS					
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Examiner Signature	Much	Balel	Date Considered	2-17-06

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<sup>&#</sup>x27;Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.



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Sheet 1 of 2

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Attomey Docket Number	06727/100J782-US5					

		*	U.S. PAT	ENT DOCUMENTS	
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MB	AA**	US-5,540,730-B1	07-30-1996	Terry, Jr.	
	AB**	US-5,188,104-B1	02-23-1993	Wernicke	
	AC**	US-5,263,480-B1	11-23-1993	Wernicke	
	AD**	US-5,571,150-B1	11-05-1996	Wernicke	
$\neg$	AE**	US-4,702,254-B1	10-27-1987	Zabara	
	AF**	US-4,867,164-B1	09-19-1989	Zabara	
	AG**	US-5,025,807-B1	06-25-1991	Zabara	
	AH**	US-6,205,359-B1	03-20-2001	Boveja	
	Al**	US-5,205,285-B1	04-27-1993	Baker, Jr.	
	AJ**	US-5,299,569-B1	04-05-1994	Wernicke	
	AK**	US-5,335,657-B1	08-09-1994	Terry, Jr.	
	AL**	US-5,707,400-B1	01-13-1998	Terry, Jr.	
	AM**	US-5,282,468-B1	02-01-1994	Klepinski	
	AN**	US-4,628,942-B1	12-16-1986	Sweeney	
	AO**	US-4,535,785-B1	08-20-1985	van den Honert	
1	AP**	US-4,602,624-B1	07-29-1986	Naples	
	AQ**	US-5,199,430-B1	04-06-1993	Fang	
$\neg$	AR**	US-5,215,086-B1		Terry, Jr.	
	AS**	US-5,755,750-B1		Petruska	
1-	AT**	US-4,649,936-B1	03-17-1987	Ungar	
	AU**	US-4,608,985-B1	09-02-1986	Crish	
7	AV**	US-5,423,872-B1	06-13-1995	Cigaina	
	AW**	US-5,716,385-B1	02-10-1998	Mittal	
_	AX**	US-6,097,984-B1	08-01-2000	Douglas	
	AY**	US-6,104,955-B1	08-15-2000	Bourgeois	
	AZ**	US-6,091,922-B1	07-18-2000	Bisaiji	
	AA1**	US-5,836,994-B1	11-17-1998	Bourgeois	
	AB1**	US-6,026,326-B1	02-15-2000	Bardy	
	AC1**	US-6,083,249-B1		Familoni	
		US-5,690,691-B1	11-25-1997	Chen	
1	AE1**	U\$-5,292,344-B1	03-08-1994	Douglas	
1	AF1**	US-4,962,751-B1	10-16-1990	Krauter	
1		US-4,739,764-B1	04-26-1988	Lue	
$\neg$	AH1**	US-4,573,481-B1	03-04-1986	Bullara	
$\neg$	A11**	US-5,540,734-B1	07-30-1996	Zabara	
	AJ1**	US-6,319,241-B1	11-20-2001	King	
ms	AK1**	US-3,411,507-B1	11-19-1968	Wingrove	

<sup>\*\*</sup>Pursuant to the Notice issued by the United States Patent and Trademark Office dated July 11, 2003 waiving the requirements of 37 C.F.R. § 1.98(a)(2)(i), a copy/copies of the United States Patent on PTO/SB08 is/are not being submitted.

		FOREI	GN PATENT	DOCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-OD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	₹°
MS	ВА	WO-01/10375-A2	02-15-2001	Impulse Dynamics NV		匚
Examiner Signature Place Built Date Considered 2-17-06						

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				Application Number	10/722,589	
INF	ORMATIC	ON DIS	SCLOSURE	Filing Date	November 25, 2003	
STA	ATEMEN	T BY A	APPLICANT	First Named Inventor	Ehud Cohen	
				Art Unit	N/A	
İ	(Use as many	y sheets as	necessary)	Examiner Name	Not Yet Assigned	
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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
MB	CA	U.S. Provisional Patent Application No. 60/263,834, entitled "Selective Blocking of Nerve Fibers", filed January 25, 2001.	-
	СВ	Ungar, I. J., et al. "Generation of Unidirectionally Propagating Action Potentials Using a Monopolar Electrode Cuff", Annals of Biomedical Engineering, Vol. 14, pp. 437-450, 1986.	
	СС	Sweeney, James D., et al. "An Asymmetric Two Electrode Cuff for Generation of Unidirectionally Propagated Action Potentials", IEEE Transactions on Biomedical Engineering, Vol. BME-33, No. 6, June 1986.	
	CD	Naples, Gregory G., et al. "A Spiral Nerve Cuff Electrode for Peripheral Nerve Stimulation", IEEE Transactions of Biomedical Engineering, Vol. 35, No. 11, November 1998, pp. 905-916	
	CE	Sweeney, James D., et al. "A Nerve Cuff Technique for Selective Excitation of Peripheral Nerve Trunk Regions", IEEE Transactions on Biomedical Engineering, Vol. 37, No. 7, July 1990.	
•	CF	Van Den Honert, et al. "Generation of Unidirectionally Propagated Action Potentials in a Peripheral Nerve By Brief Stimuli", Science magazine, Vol. 206, December 14, 1979, pp. 1311-1312.	
	CG	Van Den Honert, et al. "A Technique for Collision Block of Peripheral Nerve: Frequency Dependence", IEEE Transactions of Biomedical Engineering, Vol. BME-28, No. 5, May 1981, pp. 379-382	
	СН	Rijkhoff, N.J.M., et al. "Orderly recruitment of motoneurons in an acute rabbit model", 20th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Vol. 20, No. 5, 1998, pp. 2564-2565	
	CI	Baratta, et al. "Orderly stimulation of Skeletal Muscle Motor Units with Tripolar Nerve Cuff Electrode", IEEE Transactions of Biomedical Engineering, Vol. 36, no. 8, August 1989, pp.836-843	
	CJ	Devor, M. "Pain Networks", Handbook of Brand Theory and Neural Networks", Ed. M.A. Arbib, MIT Press, page. 698, 1998.	
	СК	U.S. Patent Application No.: 09/824,682 entitled "Method and Apparatus for Selective Control of Nerve Fibers" filed April 4, 2001	
	CL	Cortese, J.F. "Vagus Nerve Stimulation for Control of Intractable Epileptic Seizures" available at http://www.science.wayne.edu/~bio340/StudentPages/corese/, May 31, 2001.	·
	СМ	Website: http://www.bcm.tmc.edu/neurol/struct/epilep/epilipsy_vagus.html, May 31, 2001	
MB	CN	Fitzpatrick, et al. "A Nerve Cuff Design for the Selective Activation and Blocking of Myelinated Nerve Fibres", Annual Conference of the IEEE Engineering in Medicine and Biology Society, Vol. 13, No. 2, 1991.	/

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Examiner 7/1/1/8	Date
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Application Number	10/722,589-Conf. #5681	
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First Named Inventor	Ehud Cohen	
Art Unit	N/A	
Examiner Name	Not Yet Assigned	
Attorney Docket Number	06727/100J782-US5	

U.S. PATENT DOCUMENTS							
Examiner	Cite No.1		Publication Data	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
	1		01-22-2002	Osorio	(27.0 F.9. \$4.09(o\/2)(i) 3		

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FOREIGN PATENT DOCUMENTS								
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		NON PATENT LITERATURE DOCUMENTS  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, include name of the author (in CAPITAL LETTERS)).	<b>T</b> 2
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S	TATEMENT I	BY A	APPLICANT	First Named Inventor	Ehud Cohen	
			-	Art Unit	3762	
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M	AA**	US-6,610,713-B1	08-26-2003	Tracey	1		
MB	AB**	US-2004/0048795-A1	03-11-2004	Ivanova et al.			

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